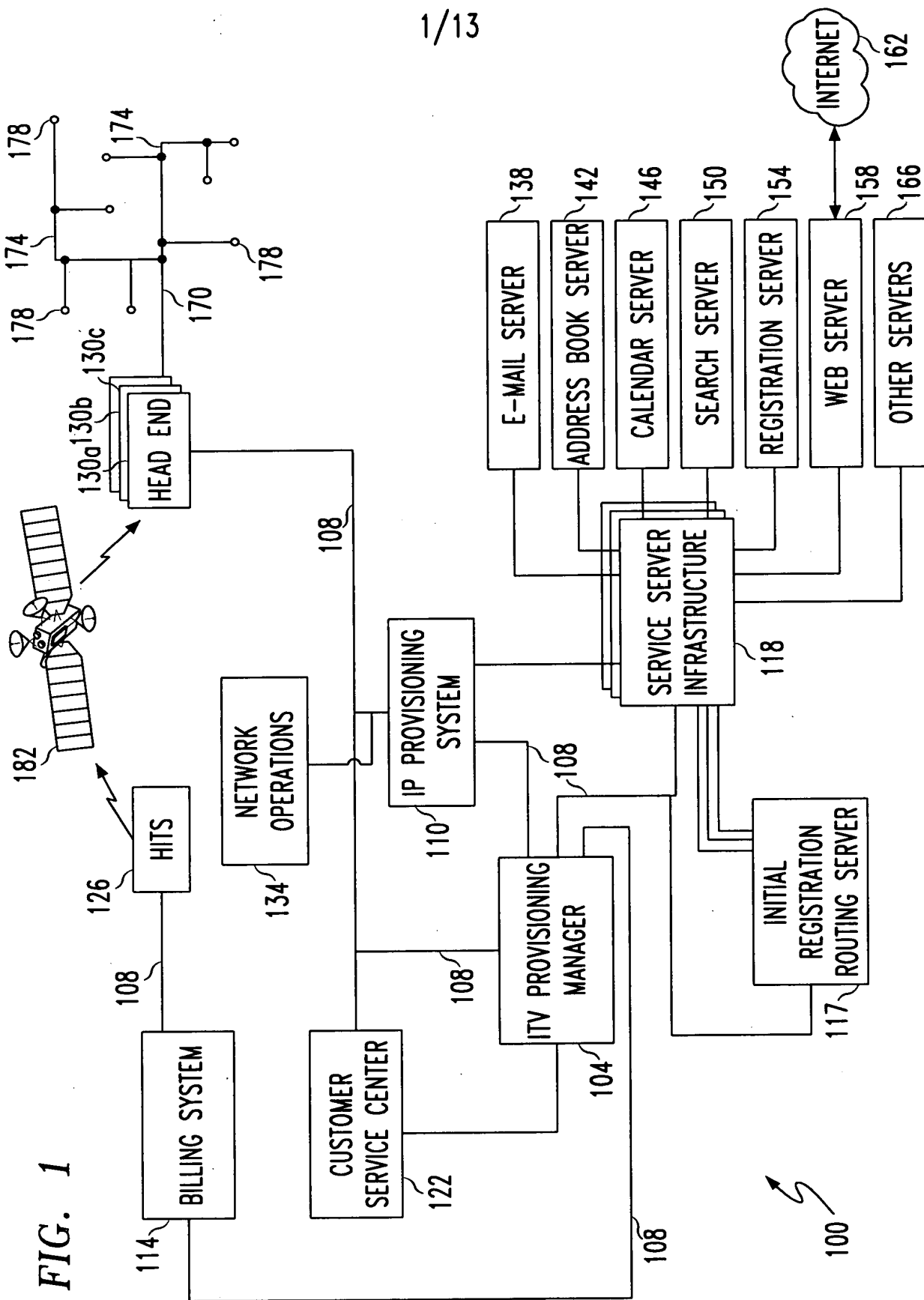


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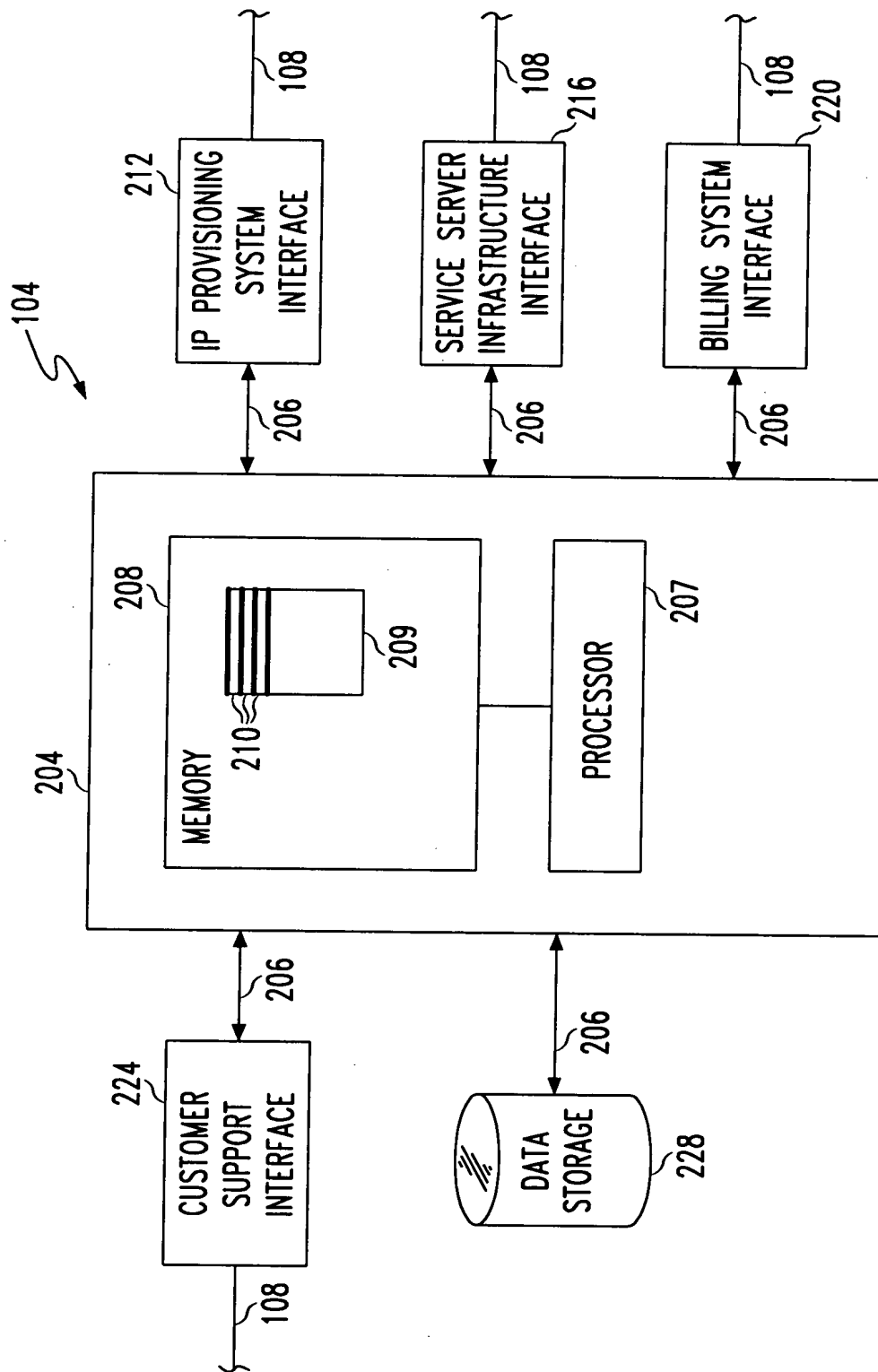


FIG. 2

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FIG. 3

ELEMENT	FORMAT	SIZE	DESCRIPTION
SUBSCRIBER_ID	NUMERIC		CSG ASSIGNED UNIQUE ITV KEY IDENTIFYING A SUBSCRIBER/ACCOUNT.
SUBSCRIBER_STATE	LITERAL	10	SUBSCRIBER ACCOUNT STATE (ACTIVE, SUSPENDED)
SUBSCRIBER.NAME.LAST	ALPHA		SUBSCRIBER'S LAST NAME
SUBSCRIBER.NAME.FIRST	ALPHA		SUBSCRIBER'S FIRST NAME
SUBSCRIBER.ADDRESS.STREET1	A/N		SUBSCRIBER'S RESIDENCE STREET1
SUBSCRIBER.ADDRESS.STREET2	A/N		SUBSCRIBER'S RESIDENCE STREET2
SUBSCRIBER.ADDRESS.CITY	A/N		SUBSCRIBER'S RESIDENCE CITY
SUBSCRIBER.ADDRESS.STATE	A/N	2	SUBSCRIBER'S RESIDENCE STATE
SUBSCRIBER.ADDRESS.ZIP	A/N	10	SUBSCRIBER'S RESIDENCE POSTAL ZIP CODE
SUBSCRIBER.HEADEND.ID	A/N		IDENTIFIER SPECIFYING TO WHICH HEADEND A SUBSCRIBER IS CONNECTED
SUBSCRIBER.HEADEND.NODE	A/N		IDENTIFIES TO WHICH NODE ON A HEADEND A SUBSCRIBER IS CONNECTED
SUBSCRIBER.SERVICE.TYPE	A/N	16	A SUBSCRIBER SERVICE TYPE
SUBSCRIBER.SERVICE.LEVEL	A/N	16	A SUBSCRIBER SERVICE LEVEL
SERVICE_GROUP	NUMERIC		THE SERVICE SERVER INFRASTRUCTURE DEFINED SERVICE GROUP ASSOCIATED WITH THE SUBSCRIBER
MSTV_SUBSCRIBER_ID	NUMERIC		THE SERVICE SERVER INFRASTRUCTURE DEFINED UNIQUE KEY ASSOCIATE WITH THE SUBSCRIBER

FIG. 4

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ELEMENT	FORMAT	SIZE	DESCRIPTION
USER_ID	NUMERIC		ITV PM UNIQUE KEY IDENTIFYING A USER
USER_STATE	LITERAL	10	USER STATE (ACTIVE, SUSPENDED)
USER.TYPE	LITERAL	10	TYPE OF USER (MASTER, HOUSEHOLD, NORMAL)
USER.NAME.LAST	ALPHA		USER'S LAST NAME
USER.NAME.FIRST	ALPHA		USER'S FIRST NAME
USER.ALIAS	ALPHA		USER'S ALIAS (E.G. "DAD", "MOM") WHICH MUST BE UNIQUE ONLY WITHIN A HOUSEHOLD/SUBSCRIBER
USER.PIN	NUMERIC	8	USER'S PERSONAL IDENTIFICATION NUMBER WHICH IS USED FOR AUTHENTICATION WITH THE ITV SYSTEM
USER.EMAIL.ID	A/N		USER'S EMAIL ADDRESS, FULLY QUALIFIED (E.G. SMITH@ATT.NET)
USER.EMAIL.PASSWORD	A/N		USER'S EMAIL PASSWORD, USED TO AUTHENTICATE WITH MAIL AND RELATED SERVICES
USER.CALENDAR.ID	A/N		USER'S CALENDAR ID. FOR FCS THIS WILL BE THE SAME AS EMAIL ID
USER.CALENDAR.PASSWORD	A/N		USER'S CALENDAR PASSWORD, USED TO AUTHENTICATE WITH THE CALENDAR SERVICE
USER.ADDRESS_BOOK.ID	A/N		UNIQUE ADDRESS BOOK IDENTIFIER
USER.SERVICE.TYPE	A/N	16	A SUBSCRIBER SERVICE TYPE
USER.SERVICE.LEVEL	A/N	16	A SUBSCRIBER SERVICE LEVEL
MSTV_USER_ID	NUMERIC		THE SERVICE SERVER INFRASTRUCTURE DEFINED UNIQUE KEY ASSOCIATED WITH THE USER

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ELEMENT	FORMAT	SIZE	DESCRIPTION
ASTB_ID	A/N		ITV PM UNIQUE SET-TOP BOX KEY
ASTB_UNIT_ADDRESS	A/N		MOTOROLA/GI UNIQUE "UNIT ADDRESS"
ASTB_MAC_ADDRESS	A/N	17	MOTOROLA/GI UNIQUE MAC ADDRESS FOR ASTB CPE
MSTV_DEVICE_ID	NUMERIC		SERVICE SERVER INFRASTRUCTURE DEFINED UNIQUE KEY ASSOCIATED WITH THE STEP-TOP BOX

FIG. 5

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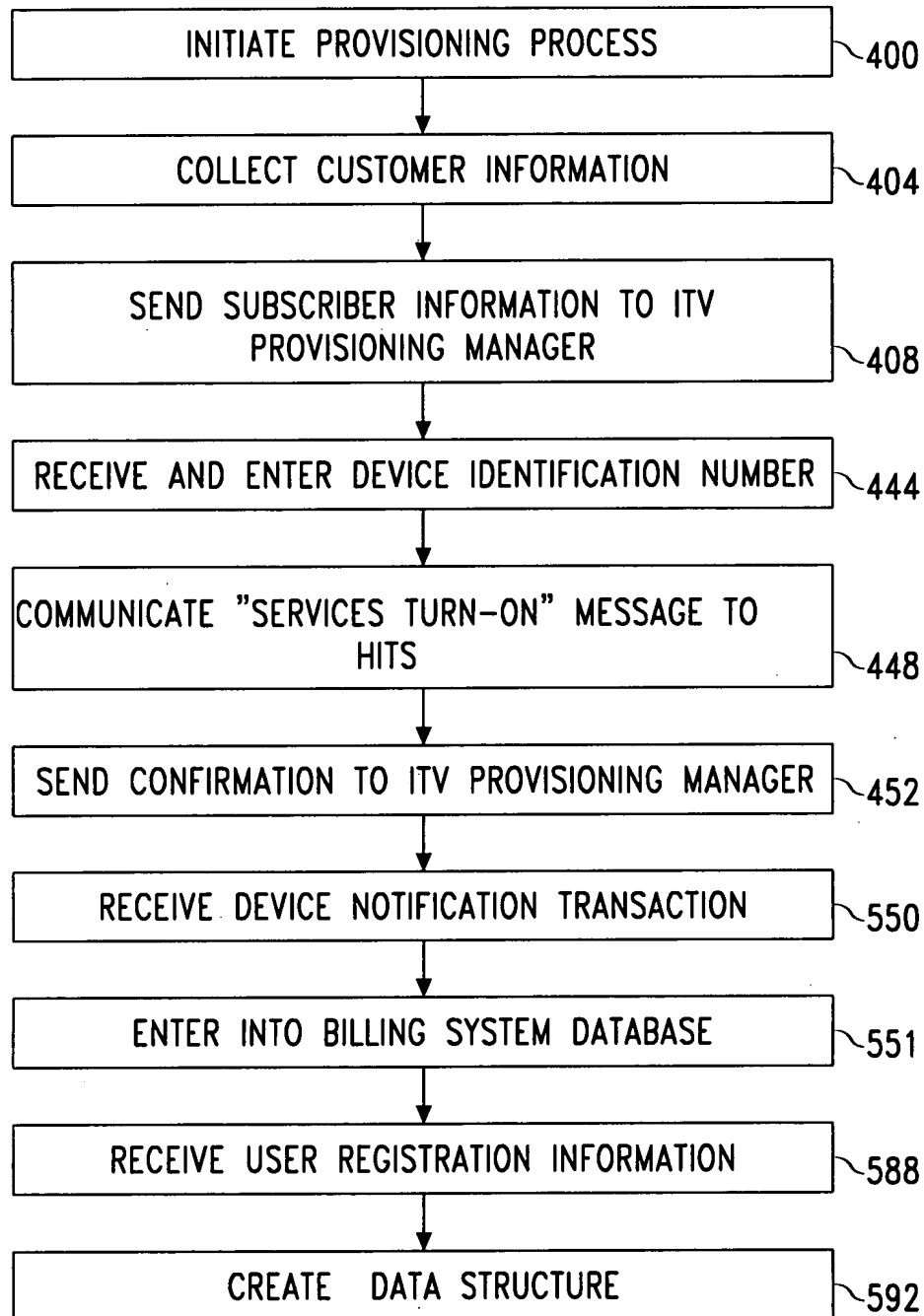


FIG. 6

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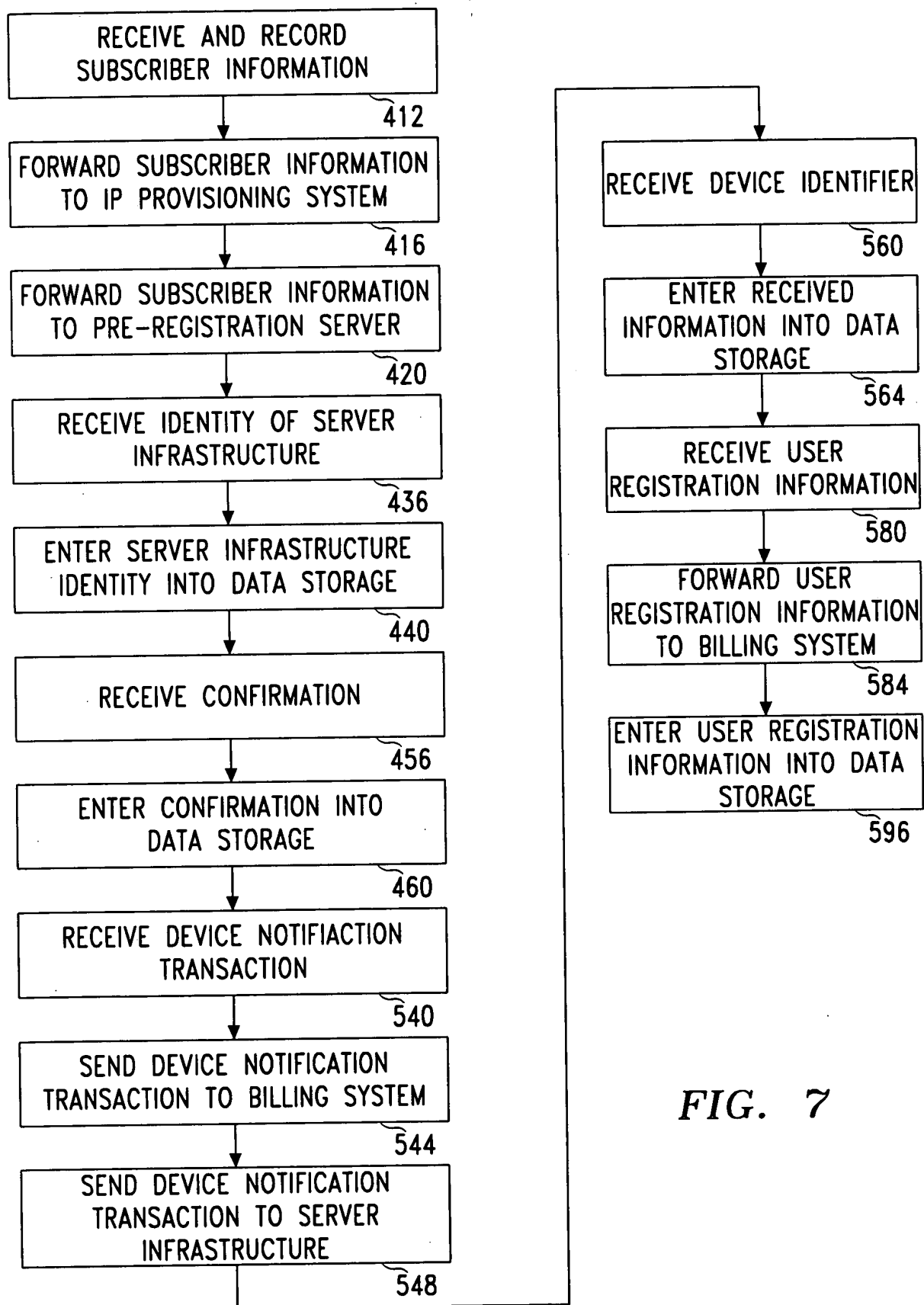
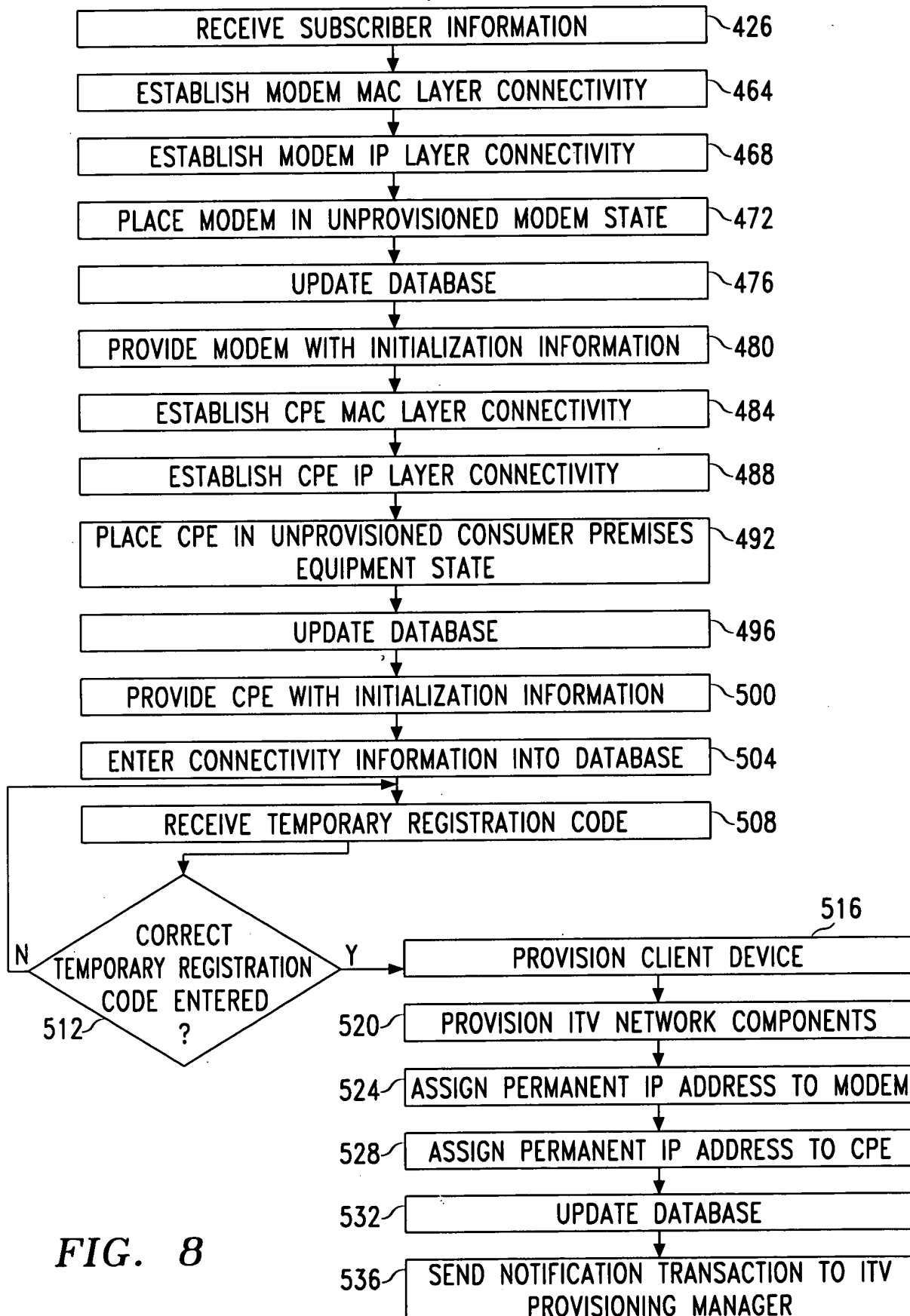


FIG. 7

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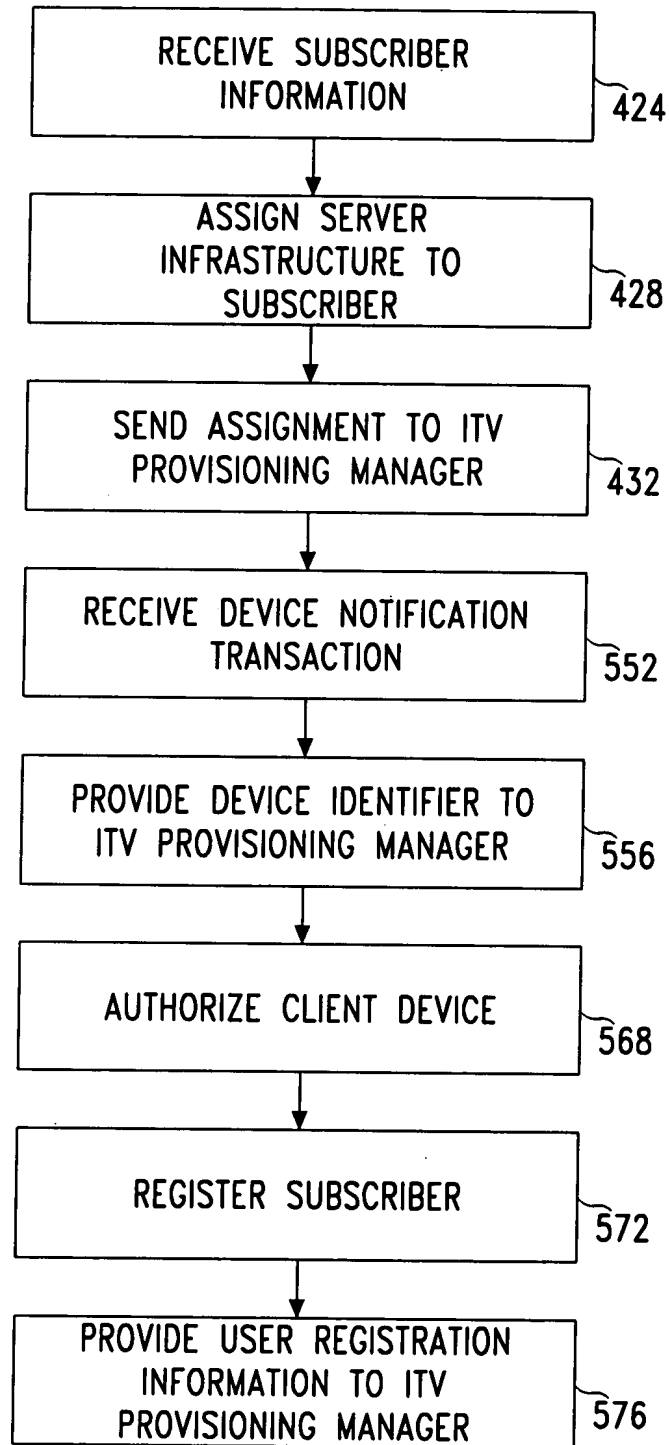


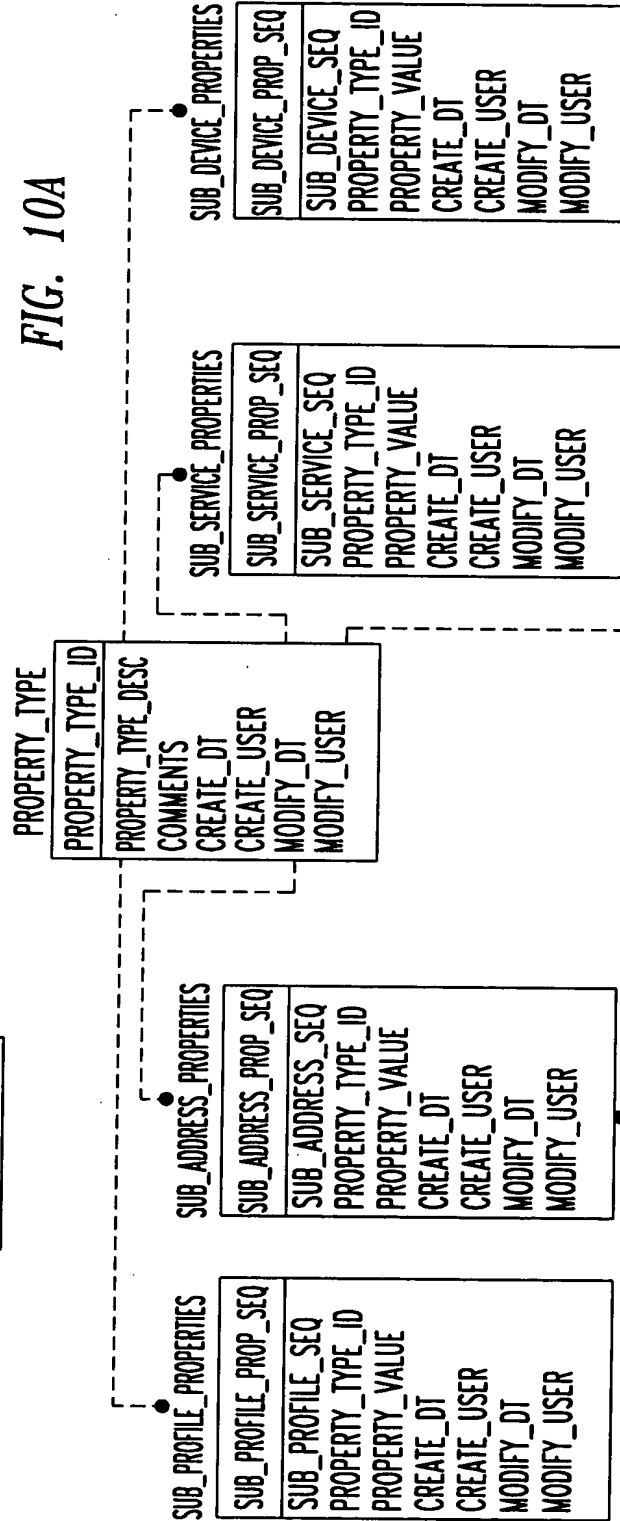
FIG. 9

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FIG. 10A
FIG. 10B
FIG. 10C
FIG. 10D

FIG. 10

FIG. 10A



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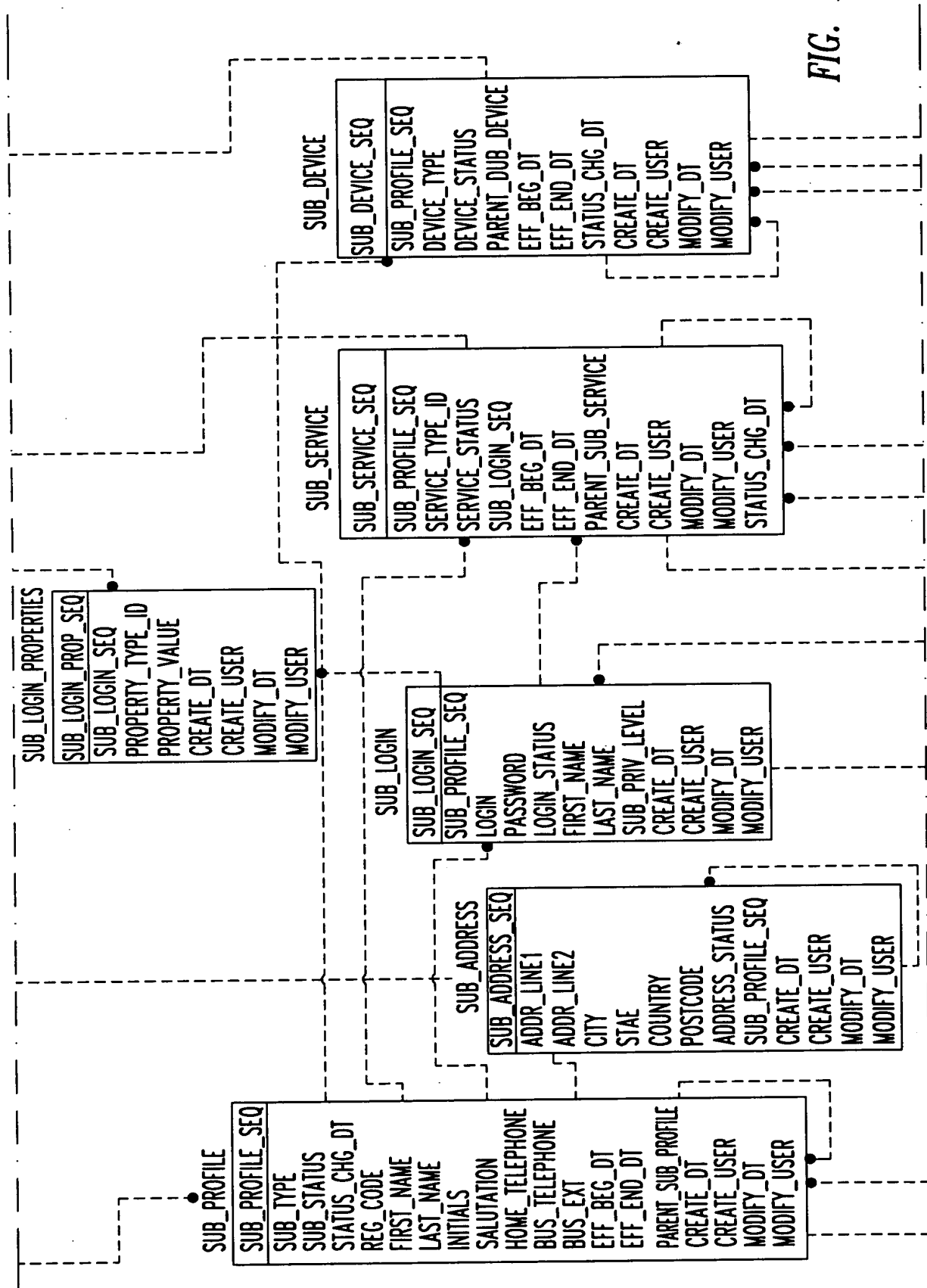


FIG. 10B

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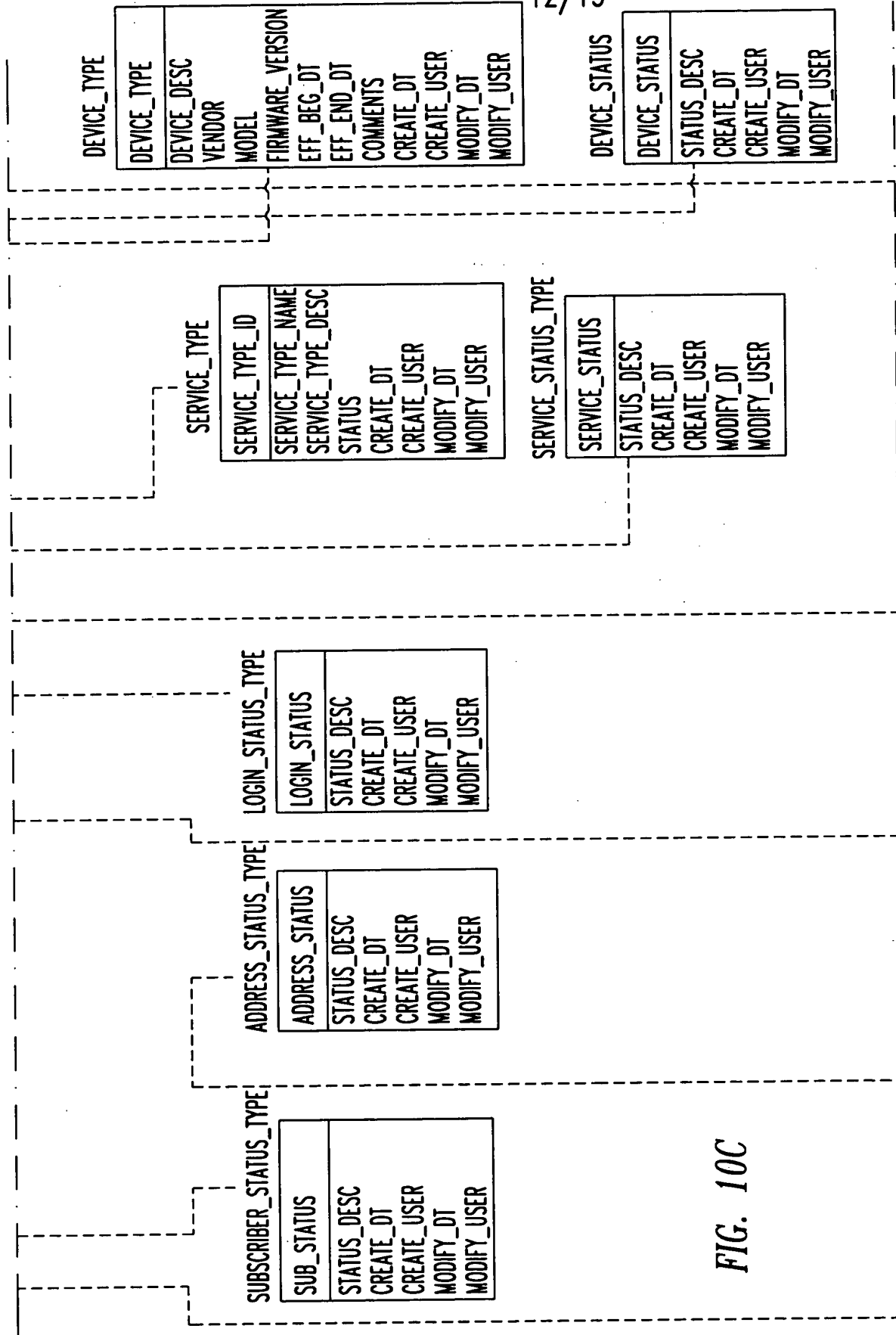


FIG. 10C

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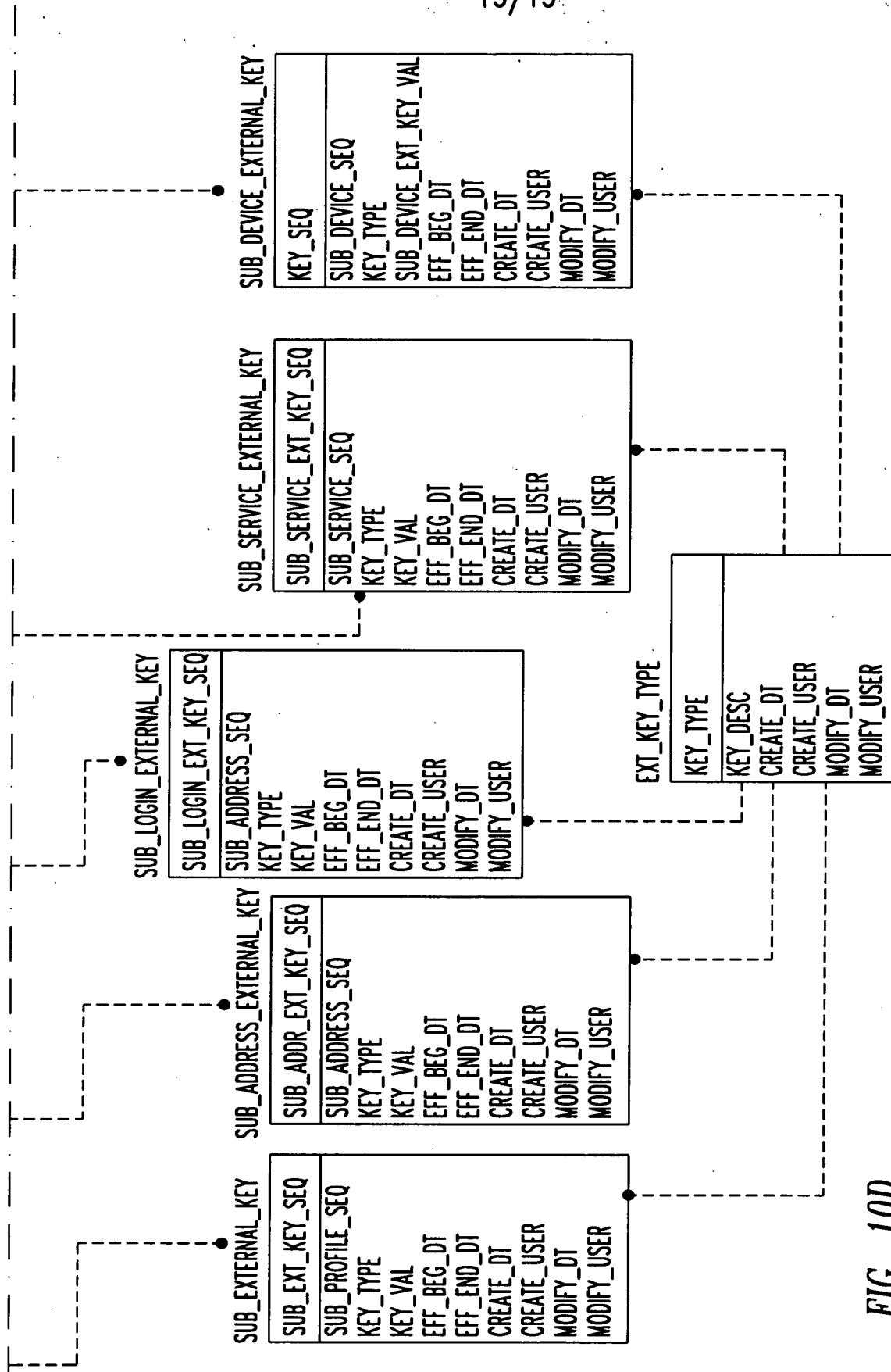


FIG. 10D